

ABSTRACT

A multi-tank connecting device has a main tank with a fuel pump and one or more auxiliary tanks. A fuel pipe connects the main tank and the auxiliary tank and allows fuel to flow between the main tank and the auxiliary tank. A fuel isolating device closes the fuel pipe when the vehicle ascends or descends a slope. The auxiliary tank is disposed lower than the main tank. The fuel isolating device includes a ball, a panel attached to a rod, a spring attached to the panel, a switch, a throttle valve actuator, and a throttle valve.